

Freeform Search

Database:

US Pre-Grant Publication Full-Text Database
 US Patents Full-Text Database
 US OCR Full-Text Database
 EPO Abstracts Database
 JPO Abstracts Database
 Derwent World Patents Index
 IBM Technical Disclosure Bulletins

Term:

L36 and (spiral or helical)

Display:

10

Documents in Display Format: [-] Starting with Number [1]**Generate:** Hit List Hit Count Side by Side Image**Search****Clear****Interrupt**

Search History

DATE: Tuesday, September 20, 2005 [Printable Copy](#) [Create Case](#)**Set****Name** **Query**

side by

side

DB=PGPB,USPT,USOC,EPAB,JPAB; PLUR=YES; OP=ADJ

L37 L36 and (spiral or helical) 67 [L37](#)L36 L35 and (brush or comb) 849 [L36](#)L35 (399/353,343,358)! [CCLS] 1914 [L35](#)

DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ

L34 bidirectional helix or bidirectional spiral 11 [L34](#)L33 bi-directional helical 13 [L33](#)L32 bidirectional helical 14 [L32](#)L31 bidirectional helical brush 0 [L31](#)

DB=USPT; PLUR=YES; OP=ADJ

L30 3895135.pn. 1 [L30](#)L29 4395113.pn. 1 [L29](#)

DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ

L28 L25 and (photoreceptor or toner or image or print\$3) 33 [L28](#)L27 L26 and (photoreceptor or toner or image or print\$3) 76 [L27](#)L26 spiral brush or helical broom or helical sweeper or spiral comb 470 [L26](#)

<u>Set</u>	<u>Hit Count</u>	<u>Name result</u>
		set

<u>L25</u>	helical brush or helical comb	267	<u>L25</u>
<u>L24</u>	L4 and (helical)	22	<u>L24</u>
<u>L23</u>	L4 and (helix adj5 comb)	0	<u>L23</u>
<u>L22</u>	L4 and (helical adj5 comb)	1	<u>L22</u>
<u>L21</u>	L4 and (helical adj5 brush)	1	<u>L21</u>
<u>L20</u>	L4 and (flat brush or bidirectional brush or bi-directional brush or sweeping brush or circular brush or rotating brush or rotatable brush or rotational brush or tubular brush)	57	<u>L20</u>
<u>L19</u>	L4 and (flat brush or bidirectional brush or bi-directional brush or sweep\$3 brush or circular brush or rotat\$5 brush)	77	<u>L19</u>
<u>L18</u>	L13 and (to adj5 side\$1 or toward adj5 side\$1)	55	<u>L18</u>
<u>L17</u>	L13 and (from center)	0	<u>L17</u>
<u>L16</u>	L13 and (from adj1 center or to\$4 adj5 side\$1)	0	<u>L16</u>
<i>DB=USPT; PLUR=YES; OP=ADJ</i>			
<u>L15</u>	L14 and "brush"	1	<u>L15</u>
<u>L14</u>	5349429.pn.	1	<u>L14</u>
<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ</i>			
<u>L13</u>	L12 and (brush)	490	<u>L13</u>
<u>L12</u>	(clean\$3 or wash\$3 or waste or waste remov\$3 or particle\$1 remov\$3) and (toner waste or toner debri\$1 or toner particles) and (blade) and (lubricant or lubricat\$3) and (auger or vaccuum or vacuum)	703	<u>L12</u>
<u>L11</u>	(clean\$3 or wash\$3 or waste or waste remov\$3 or particle\$1 remov\$3) and (toner waste or toner debri\$1 or toner particles) and (blade) and (lubricant or lubricat\$3) and (auger or vaccuum)	95	<u>L11</u>
<u>L10</u>	(clean\$3 or wash\$3 or waste or waste remov\$3 or particle\$1 remov\$3) and (toner waste or toner debri\$1 or toner particles) and (blade) and (lubricant or lubricat\$3) and (auger)	94	<u>L10</u>
<i>DB=PGPB,USPT,USOC,EPAB,JPAB; PLUR=YES; OP=ADJ</i>			
<u>L9</u>	L8 and (lubricat\$3 or lubricant)	75	<u>L9</u>
<u>L8</u>	L7 and (blade)	139	<u>L8</u>
<u>L7</u>	L6 and (vacuum or vaccuum or auger or suction)	144	<u>L7</u>
<u>L6</u>	L5 and (toner waste or toner debri\$1 or toner particle\$1)	374	<u>L6</u>
<u>L5</u>	L4 and (clean\$3 or wash\$3 or waste or waste remov\$3 or particle\$1 remov\$3)	2327	<u>L5</u>
<u>L4</u>	(399/346,350,349)![CCLS]	2466	<u>L4</u>
<i>DB=USPT; PLUR=YES; OP=ADJ</i>			
<u>L3</u>	4890494.pn.	1	<u>L3</u>
<u>L2</u>	44890494.pn.	0	<u>L2</u>
<u>L1</u>	4222044.pn.	1	<u>L1</u>

END OF SEARCH HISTORY

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Database: US Pre-Grant Publication Full-Text Database
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IBM Technical Disclosure Bulletins

Term: L6 and (libricat\$3 or lubricant)

Display: 10 Documents in Display Format: [] Starting with Number [1]

Generate: Hit List Hit Count Side by Side Image

Search **Clear** **Interrupt**

Search History

DATE: Tuesday, September 20, 2005 [Printable Copy](#) [Create Case](#)

Set Name **Query**

side by side

DB=PGPB,USPT,USOC,EPAB,JPAB; PLUR=YES; OP=ADJ

Set Name	Hit Count	Set Name
		result set
<u>L7</u> L6 and (libricat\$3 or lubricant)	59	<u>L7</u>
<u>L6</u> L4 and (blade)	121	<u>L6</u>
<u>L5</u> L3 and (blade)	353	<u>L5</u>
<u>L4</u> L3 and (vacuum or auger)	126	<u>L4</u>
<u>L3</u> L2 and (toner waste or toner particles)	373	<u>L3</u>
<u>L2</u> L1 and (clean\$3 or wash43 or waste or waste remov\$3)	2327	<u>L2</u>
<u>L1</u> (399/346,349,350)![CCLS]	2466	<u>L1</u>

END OF SEARCH HISTORY